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At the top of Back Allegheny Mountain there is a plateau containing a shallow basin traversed by Shavers Fork of Cheat River. The western margin of this plateau is known as Cheat Mountain, which also presents a precipitous face of cliffs to the west. The front of Back Allegheny Mountain has been deeply indented by Leatherbark Run cutting within one quarter of a mile of Shavers Fork. At this point on the Back Allegheny Mountain is a fine example of imminent capture as may be seen in Shavers Fork of Cheat River four miles northwest of Cass. The stream with a gradual fall flows leisurely along the surface of an old plateau, while Leatherbark Run tributary of the Greenbrier River drainage is rapidly eating its way into the plateau scarp. Leatherbark Run, has a rapid fall with an average of 368.9 feet per mile, with the upper end falling more than a 1000 feet in less than 1½ miles. At the present time it is within 1,060 feet of the Shavers Fork of Cheat River, and in the near future, geologically speaking, the upper two miles of Shavers Fork will become a part of the Greenbrier River drainage. This series of ranges is also capped with the resistant Pottsville rocks

It is on the Back Allegheny Mountain that the highest elevation of the County is reached on Bald Knob with an altitude of 4,842 feet, Thorny Flat at the southern junction of Back Allegheny and Cheat Mountain also attains an elevation 4,839 feet,

Burner Mountain, Located in the northern end of the County between the East and West Forks of the Greenbrier River, marks the barrier or watershed between these two forks. It is terminated on the south where the East Fork of Greenbrier River cuts across its southern end to join the West Fork to form Greenbrier River at Durbin. It has an elevation of approximately 4,000 feet.

GREENBRIER RIVER__ Greenbrier River, is the stream that carries the greater part of the rainfall in Pocahontas County, has its source in ^ftwo forks heading in the extreme northern end of the County. The West Fork heads east of Shavers Mountain about two miles northeast of Wildell with an elevation of 3,625 feet. East Fork heads at a spring or a place known as Blister Swamp and on the west slope of the main Allegheny Mountain with an elevation of 3,875 feet, and flows in a southwest direction to join the West Fork at Durbin where it forms the Greenbrier River proper. The Greenbrier River ^{flows} in a comparatively straight line, in a southwest direction across the entire length of Pocahontas County, and the County of Greenbrier to a point south of Lewisburg where it turns westward and forms part of the Greenbrier - Monroe County line. Here it enters Summers County and after much meandering joins New River at Bell point $1\frac{1}{2}$ miles south of Hinton, with an elevation of 1,375 feet.

While the Greenbrier River flows ~~in~~ at an angle of about S. 32 Degrees West . from its forks at Durbin to where it enters Greenbrier County, it meanders back and forth, forming many graceful and beautiful curves, many places it flows due north for a short distance, then due south, and north of the Tunnel, above Harter it flows Due East a short distance.

Greenbrier River, from junction of East and West Forks at Durbin to Greenbrier and Pocahontas County line, as it oscillates and meanders in its natural course, is 61.6 miles, with a fall of 747 feet, with a rate of rate of fall per mile 12.1 feet, The air line distance is 41.18 miles.

The Greenbrier River from its source of the East Fork in the Blister-Swamp to its mouth at Bellpoint ⁱⁿ as it meanders in its natural course, is 164.8 miles with a fall of 2500 feet, rate of fall per mile 15.2 feet. The air line distance is 98.64 miles.

From its mouth to its source above Wildell it has a meandering length of 167.9 miles with an air line distance of 97.14 miles with a fall of 2250 feet with a rate of fall per mile 13.8 feet.

(Part 1)
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The following is a list of nearly all the principal streams of Pocahontas -
- County , showing their meandering distance or length , and their Air line
distance from their source to their mouth , The list also shows what particular
stream each flows into by being off-set under the stream it flows into.

Greenbrier river junction of East and West forks at Durbin to the Greenbrier -

Pocahontas County line as it meanders through the County	Total distance Miles	Air line Miles
"	61.6	41.18
" "		
Greenbrier river from source of East fork to Greenbrier-Pocahontas County line	80.1	54.1
Greenbrier river from source of West for to Greenbrier- Pocahontas County line	78.2	54.7
Spice run	6.1	5.5
Locust creek	3.4	3.3
Trump run	2.4	2.3
Hills creek	8.4	5.0
Bruffeys creek	3.9	3.5
614 Oldham run	5.4	4.8
Nigh Gap Run	2.5	2.4
Perry Run	3.1	2.8
Laurel Run	8.2	6.8
Will run	2.1	1.7
Rock Run	1.7	1.3
Island Lick run	4.8	4.0
Stamping creek	6.8	5.4
Stevens Hole run	2.5	1.9
Chicken House Run	2.8	2.8
Beaver Creek	8.6	6.5

(continued)

(Greenbrier River)

Beaver Creek	8.6	6.5
Improvement Lick Run	3.6	3.3
Swago Creek	3.3	3.0
McClintock Run	2.2	2.1
Buck Run	2.8	2.7
Dry Creek	3.6	3.4
Monday Lick Run	2.5	2.1
Sunday Lick Run	2.4	2.3
Still House Run	3.1	3.0
Knapps Creek	26.8	17.76
Marlin Run	2.7	2.6
Spice Run	1.3	1.2
Cummings Creek	6.0	5.5
Browns Creek	6.0	5.1
Barclay Run	1.4	1.4
Laurel Creek	9.2	3.6
North Douthards Creek	6.3	5.5
Cochrans Creek	4.9	4.2
Riders Run	1.7	1.7
Big Sandy Run	1.9	1.7
Two Lick Run	1.4	1.4
Lost Bottom Run	1.7	1.5
Widemouth Run	2.5	2.3
Laurel Run	1.7	1.6
Lockridge Run	1.4	1.3
Ruckman Run	2.5	2.3
Guy Run	2.5	2.4
Will Run	2.4	2.1
Moore Run	3.6	3.3

NATURAL SETTING